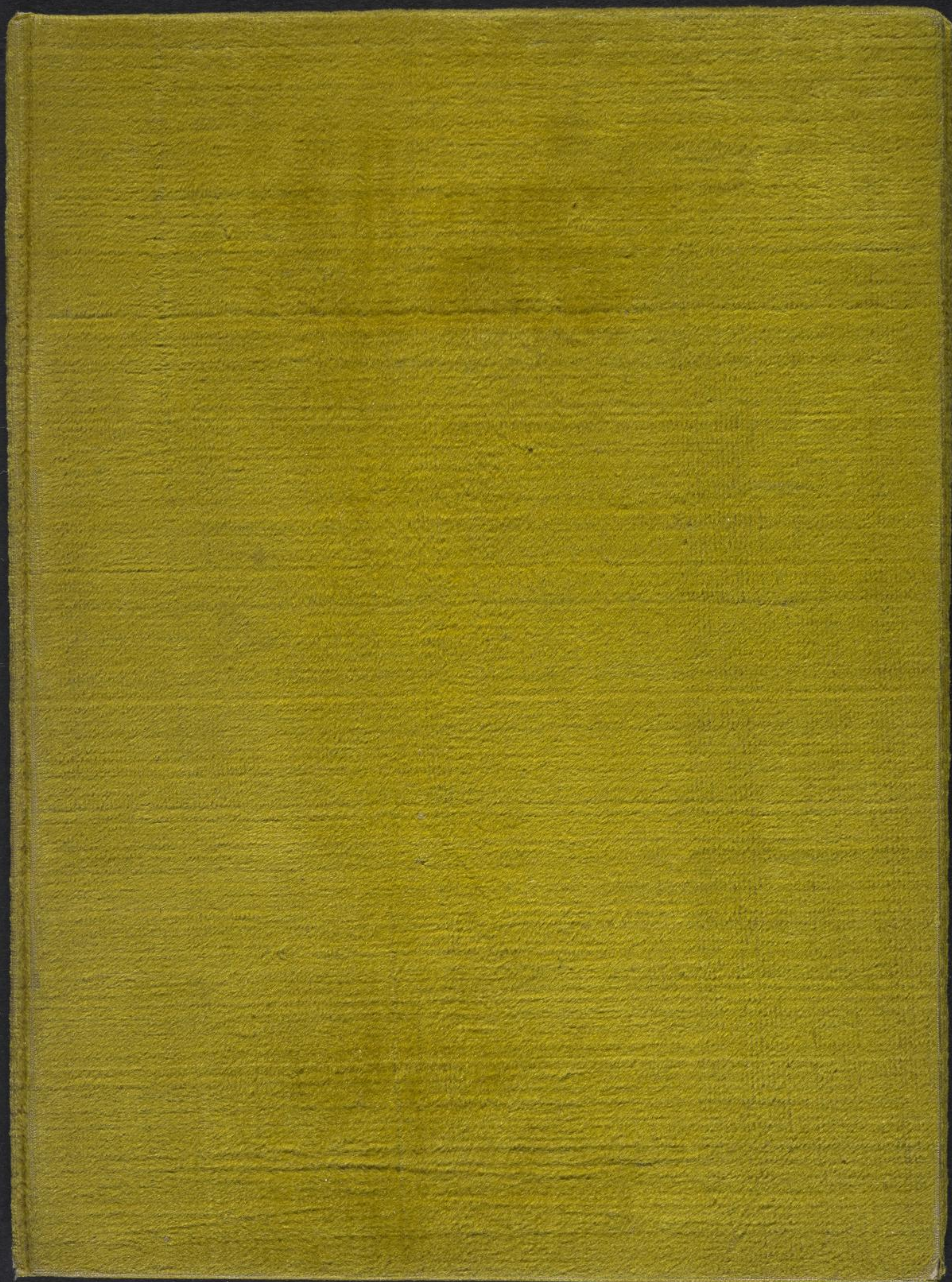


Volentibus M.S.

Introduction to Music
German, St Margaret's Day, July 13,
1443 (date on last line)

Dated 1443!

Music

379 VOLENTIBUS FACILEM AD MUSICAM HABERE AGRESSUM
*** Ancient and very curious MS. written in Gothic character, with singular music notes.

Erint fa fa sex fa la sept[em] ut sol ac [illegible] ut fa

Volentibus igitur scientiam ad musicam habere agressum Sunt primo questio[nes]

Notanda videlicet clavium manualium debitus situs et debitus ordo primo et secundo la[?] [illegible] concordia clavium in debitus situs [illegible] clavium
in manum [illegible] et in articulis debent digitorum [illegible] abbreviari
[illegible] tamquam [illegible] eiusdem articulos [illegible] ut statim
in [illegible] claves [illegible] videant Debitus autem
ordo clavium in manum et ut quibus clavibus in suo loco ponitur et in
alio [illegible] prima in prima [illegible] secunda in secunda [illegible] Debitus clavium
[illegible] tot sunt et [illegible] plures vel pauciores
sunt [illegible] [illegible] vero [illegible] Ut autem
[illegible] [illegible] 19 claves dicuntur claves et [illegible] vel clavium
primo [illegible] [illegible] specialem utilitatem quam [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] vel
vel [illegible] [illegible] [illegible] et [illegible] magno labore [illegible] et potest
[illegible] claves [illegible] in manum vel aliquo [illegible] [illegible]
[illegible] [illegible] aperi [illegible] fundamenta [illegible]
musice in [illegible] clavibus [illegible] [illegible] [illegible] Sic ergo
[illegible] [illegible] [illegible] adipisci possit [illegible] claves in
manum [illegible] [illegible] [illegible] [illegible] artis musice
[illegible] non potest [illegible] Sic ergo [illegible] [illegible] fundamenta
[illegible] [illegible] [illegible] [illegible] clavibus et
[illegible] [illegible] [illegible] [illegible] Vel [illegible]
[illegible] Et [illegible] [illegible] [illegible]

Volentibus agressum artis musice notanda [illegible] [illegible] alphabeti [illegible]
articulis [illegible] [illegible] [illegible] musice [illegible] Et [illegible]
[illegible] [illegible] [illegible] manum totam [illegible] [illegible] Sunt autem
hec [illegible] [illegible] videlicet A B C D E F G [illegible] [illegible]
[illegible] [illegible] lingua [illegible] [illegible] [illegible] Et hec [illegible]
[illegible] [illegible] [illegible] in manum primo [illegible] a b c d e f g [illegible]
[illegible] [illegible] a b c d e f g [illegible] [illegible] [illegible] [illegible] aa bb cc dd
[illegible] [illegible] [illegible] clavium in manum [illegible] [illegible] [illegible] [illegible] a b c d
[illegible] [illegible] [illegible] [illegible] plus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] d e f g [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

finire sed in certis clavibus [illegible] quia primi toni finiunt in d . 3us 4us in e . 5us 6us in f

7us 8us in g [illegible] [illegible] distantibus per certa aliqua sunt affines finalium

per diapente et per diatessaron finalium [illegible] finalium 3us et 4us toni finiunt in a

3us 4us in b 5us 6us in c 7us 8us in d [illegible] Sed toni autem qui appellant auten-

tici a [illegible] quia [illegible] vocibus [illegible] autento sono [illegible] sono [illegible] plus tonus

plagalibus autentis quam plagalibus sequentes [illegible] [illegible] [illegible] [illegible] superante

per [illegible] autentis [illegible] plagas autem [illegible] [illegible] excellentes [illegible] excellunt [illegible]

[illegible] [illegible] unus toni [illegible] cantus [illegible] [illegible] [illegible] tonum [illegible] ascendat [illegible]

[illegible] musica [illegible] [illegible] [illegible] [illegible] [illegible] manum debite ordinatur [illegible]

sex voces addunt scilicet ut re mi fa sol la et in septisformem continuo patet debito sono

[illegible] [illegible] superius appropinquando quia [illegible] cantando qualiacumque poterat [illegible] [illegible]

septisformem ordinatam [illegible] in manum [illegible] cantus [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] ordinato [illegible] [illegible] [illegible] [illegible] finali [illegible] b duralis [illegible]

ordinatio [illegible] [illegible] [illegible] et finit in a [illegible] [illegible] naturalis tercia ordinatio [illegible]

in f finali et finit in d acuto et [illegible] [illegible] b mollis quarta ordinatio [illegible]

in g finali et finit in e acuto [illegible] [illegible] b duralis quinta ordinatio incipit

in c acuto et finit in a superacuto et [illegible] [illegible] naturalis sexta ordinatio [illegible]

in f acuto et finit in dd excellente [illegible] b mollis septima ordinatio

in g superacuto et finit in ee superacuto et [illegible] in ee excellente et [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] b duralis [illegible] sex voces scilicet ut re mi fa sol la in septisformem

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] clavibus [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] b duralis [illegible] [illegible] ut [illegible] et finit in [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] b duralis [illegible] [illegible] [illegible] [illegible] et finit in dd [illegible] [illegible] [illegible] [illegible]

b duralis [illegible] in g [illegible] et finit [illegible] et [illegible] [illegible] naturalis [illegible]

[illegible] [illegible] [illegible] [illegible] et finit in alamire [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] et finit in alamire [illegible] [illegible] [illegible] b mollis [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] b duralis [illegible] [illegible] [illegible] b mollis [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

voces [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] b duralem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] clavi [illegible]

alia vero [illegible] duas voces ut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] voces [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] alamire [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] voces [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] duas voces [illegible] duas mutationes [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 3es voces [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] ut [illegible] [illegible] [illegible] [illegible] b duralem [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] A re [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] b duralem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] B mi [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] b duralem [illegible] [illegible] [illegible] C fa ut [illegible] duas voces

[illegible] [illegible] [illegible] [illegible] b duralem [illegible] [illegible] [illegible] [illegible] [illegible] duas [illegible] [illegible]

unam vocem ascendendo & aliam vocem descendendo & ita quelibet clave mutacionem fiet de variacione
vel fa mutata in mi ascendendo per unum quantum b duralem [illegible] & tunc fit
saltus aut per dyatesseron aut per dyapenthe [illegible] & ad ytem vel ad ytem vel ad ytem clave Et
[illegible] saltus regulares [illegible] quingentam [illegible] saltus fit de [illegible] clave in
aliam & necessario [illegible] mutacionem [illegible] regulare Unde mutacio fit [illegible] & [illegible] vocis
Variatio in eadem clave locata [illegible] ut [illegible] in [illegible] descendendo de [illegible]
[illegible] in [illegible] b duralem Et [illegible] fit saltus [illegible] & [illegible]
per dyatesseron [illegible] & [illegible] vel [illegible] clave Et fit [illegible] duas [illegible]
& [illegible] duas [illegible] [illegible] in [illegible]

Bolfas et varias sic C faut bn soluas

C solfaut [illegible] duas voces [illegible] sol & [illegible] sol [illegible] b duralem [illegible]
[illegible] Et [illegible] duas mutaciones [illegible] unam ascendendo & aliam descendendo
Et ita [illegible] fit variacio [illegible] & saltus Unde [illegible] ascendendo de [illegible] b duralem
in [illegible] & tunc fit saltus aut [illegible] aut per dyatesseron aut per dyapenthe [illegible]
[illegible] ad [illegible] adytam vel adytam clavem Unde [illegible] saltus ulterius [illegible] preplacet
mutacionem [illegible] fit [illegible] & [illegible] in sol [illegible] descendendo de [illegible]
[illegible] in [illegible] b duralem Et tunc fit eodem saltus ut [illegible] vel [illegible] clave Et fit
in dissolve in [illegible] duas mutaciones [illegible] [illegible] saltus variacionem [illegible]

Debes dissolvere mutando sic variare

A lamire habet duas voces scilicet la & mi la [illegible] b duralem [illegible] Et [illegible] & [illegible] in [illegible] la [illegible] b duralis Et [illegible] duas [illegible] [illegible] unam descendendo & alia ascendendo Et ita [illegible] fit [illegible] saltus variacio in la [illegible] in mi ascendendo [illegible] b duralem [illegible] Unde fit saltus aut [illegible] aut per dyatesseron [illegible] saltus [illegible] preplacet [illegible] [illegible] voces [illegible] in la [illegible] descendendo de [illegible] in mi [illegible] b duralem tunc saltus fit aut per dyatesseron aut per dyapenthe aut [illegible] per [illegible] clave

Sit clavis varia solvendo quoque muta

F faut [illegible] duas voces scilicet fa & ut [illegible] b mollem & ut [illegible] b mollem
[illegible] & [illegible] b mollem in [illegible] in F faut & [illegible] Et [illegible] mutaciones
[illegible] fit [illegible] variacio in [illegible] & [illegible] in [illegible] fa [illegible]
in ascendendo [illegible] tantum [illegible] in [illegible] b mollem tunc saltus fit aut

per dyatesseron aut per dyapenthe aut ditonum cum dyapenthe Et si vltra per saltum ascendi
tur per dyapason ad octauam 2ª sit mutatio regularis Sol vel mi cum fa descende
re primus cum bmolli cum secundo naturali Tertia sit saltus aut per semitonium aut per semiditonum
aut per dyatesseron Et cum sequantur sit due mutaciones ... valatio

Mutatis pluralis sit excitaut et natalis

G Sol re ut tres voces sol re ut Sol primi naturalis secundi bmollis ut ... naturalem ...
... Et ... cum mutatio sol mutatur cum re ascendendo primus cum naturali cum primo bmolli Circa quam mutationem sit valatio aut cum sit saltus per semiditonum aut per dyatesseron aut per dyapenthe Et ... re muta cum sol descendendo primus tantum bmolli cum secundo naturali Circa quam ... sit ... valatio saltus ... Et re mutatur cum vt descendendo primus tantum bmolli cum ... naturalem Circa quam sit ... valatio ... saltus sit per ditonum aut per dyapason Et vt ... cum re sic descendendo ... tantum ... cum primo bmollem Et vt sit ... valatio quia sit saltus per ditonum aut per dyatesseron Et ... due voces sol re ut mutatur ... ascendendo et descendendo ... quia ... semiditonum ... Et ... vt mutatur cum sol descendendo ... cum re Sol aut mutatur cum vt ascendendo primus ... cum ... naturalem Et ... mutatio sit ... valatio ... aut saltus sit per ditonum aut per dyatesseron aut per dyapenthe aut ... Et ... vt mutatur cum sol descendendo ... tantum ... cum primo naturalem Et ... sit ... valatio quia sit saltus aut ditonum aut per semiditonum a per dyatesseron a per dyapente Et ... plane ... saltus ... ascendendo quam descendendo vt per dyapason ... sit ... mutatio ... cum ... mutationes ... variationes ... Sol re ut ... voces ...

Dic est mu tan dum

B sol re ut

Ut est sic va ri andum

A la mire habet tres voces scilicet la mi et re. la tamen secundum naturalem, mi secundum bmolle, re
per b duralem. In vocibus et locis et vocibus habet permutationes. Primo muta la
in mi ascendendo de primo naturali in secundum bmollem. Secunda quando fit hec variacio vel
cum saltu fit semitonium aut semiditonum aut diatessaron. Tercia mutatio mi in la
descendendo de primo bmolli in secundum naturalem. Et tercia mutatio est quando fit variacio
vel cum saltu fit diatessaron vel diapente vel semitonium cum diapente. Re mi
in re ascendendo de primo bmolli in secundum duralem. Et tercia mutatio fit duplex
variacio per tum saltu fit tonum aut semiditonum. Et est re in mi descendendo
de primo duralem in secundum bmollem et fit atque duplex variacio vel aut semitonium
aut semiditonum. Et alias duabus vocibus que si alia saltu permutatio sicut patet
in specie et fit comparacio super dictis. Sic supplenda est differencia quia
ascendendo. Sed vocis mutacio in alia sit mi in re. Item in mi descendendo
semitonium et tamen secundum quod dictum est cum in ea semitonium quod voces locum tenent
set quando cum mutatur la descendendo. Re in mi re ascendendo de
primo duralem in secundum duralem. Tercia mutatio fit quando variacio aut cum saltu
fit tonum aut semiditonum aut diatessaron aut diapente. Et est re mutatur
in la descendendo de primo duralem in secundum naturalem. Et tercia mutatio est fit in diapente
quando variacio saltus cum fit semitonium aut diatessaron aut diapente aut tonum

Sic | a la mire | mu taus

Bol ua do

Re qui ce

fit

B fa b mi habet duas voces scilicet fa et mi. fa tamen secundum bmollem, mi per b duralem.
Variatur cum ab bmollis in bduralis
et primo voces mi descendunt in fa
vel dicitur b rotundum vel quadratum
quia cum fa cantatur mollis et
ab molles. Et notandum b duralis quia durum sonum habet voces mi descendunt in mi vel
dicitur b quadratum quia figuram quadrangularem habet quia de sonis mollis. Et in b duralis
sine b duralis quia variatur et sic semper et quando de b fa b mi habet duas
voces et nullam mutacionem. Et ratio est de b fa b mi habet mutacionem propter quod
semitonium cum duas claves unam per sonum quod est
in quibus ratio tantum voces vel regulam habet admittit. Et sic habet mutacionem
habet esse et orat quia regulam et regulas mutaciones vocum. Ita ad regulam mutacionum

tia de gradu ut si primum duo est quae non dicitur mutacio. Primum 3 ut sol vox. Item
secunda. Dicitur quod licet sint in una et eadem clave. 3° ut fiat subtractio. Sed non Hec bfabmi
ut supra [illegible] licet dicitur non 3 sol clavis per duo sunt bfa et bmi sol quod sunt ambe
ponende sunt in uno articulo digiti. Et etiam in libro. Et quod bfabmi dicitur duo
claves et non una hoc ideo 3 quod in ea clave [illegible] ponitur littera cum voce
vel vocibus [illegible] [illegible] facta manu. Sed ponitur duo littere [illegible] cum [illegible]
voce sol bfa bmi ideo [illegible] quod voces sunt una littera 3 sol clavis. Et sic apparet
tamen quod bfabmi sunt sol claves et non duo [illegible] [illegible] claves [illegible]
aliis clavibus quod [illegible] claves habent duas litteras una cum
voces et alia cum voce. Sed hoc [illegible] [illegible] [illegible] quod [illegible] [illegible]
[illegible] in eadem quod dicitur [illegible] hec mutationes quae in [illegible] [illegible] [illegible]
[illegible] in [illegible] Et [illegible] in [illegible] Ut fa mutatur in mi [illegible] [illegible]
primus gradus bmolli in 2^m bduralem tunc saltus sit aut [illegible] aut
[illegible] Et fa mutatur in mi [illegible] [illegible] gradus bdurale in [illegible]
tunc fit saltus [illegible] aut [illegible] Et [illegible] mi mutatur in fa [illegible] [illegible] gradus
bdurale in primum bmollem et fit saltus [illegible] vel [illegible] Et mi mutatur in
fa [illegible] [illegible] [illegible] gradus bdurale in [illegible] bmollem tunc fit saltus [illegible]
vel [illegible] Et pro [illegible] [illegible] quod in bfabmi sunt duo mutationes [illegible]
[illegible] [illegible] 3 [illegible] vox mutatur in alia [illegible] [illegible] [illegible] [illegible]

Ere — bfa — bmi

Sol — van — do — Alre — bmi

Solfant [illegible] tres voces scilicet sol fa 3 ut. Et [illegible] 3 sol [illegible] [illegible] bmollem fa
[illegible] [illegible] bduralem ut [illegible] [illegible] [illegible] in [illegible] Et in [illegible] clave in
[illegible] [illegible] vox ut [illegible] [illegible] Et [illegible] [illegible] mutationes sol mutatur in fa
[illegible] [illegible] primus gradus bmolle in 2^m bduralem Et tunc [illegible] sit [illegible] aut in
saltus sit [illegible] a [illegible] Et [illegible] fa [illegible] [illegible] [illegible] gradus
bdurale in primum bmollem. Et [illegible] fit [illegible] [illegible] vel in saltus fit [illegible] vel
[illegible] Et sol mutatur in fa [illegible] [illegible] primus gradus bmolle in 2^m [illegible]
[illegible] quod fit [illegible] [illegible] [illegible] vel sit saltus [illegible] vel [illegible] vel [illegible]
[illegible] vel [illegible] [illegible] [illegible] Et [illegible] fa mutatur in sol [illegible] [illegible] [illegible] gradus
[illegible] in primum bmollem Et [illegible] [illegible] fit [illegible] vel in saltus fit [illegible]
vel [illegible] vel [illegible] vel [illegible] [illegible] Et fa mutatur in ut [illegible]
[illegible] primus gradus bdurale in 2^m [illegible] [illegible] quod fit [illegible] [illegible] vel in fit saltus [illegible]
[illegible] vel [illegible] vel [illegible] [illegible] Et ut mutatur in fa [illegible]
2° gradus [illegible] in 2^m bduralem Et [illegible] fit [illegible] [illegible] vel saltus fit [illegible]

aut semiditonum aut diatessaron. Ut est [illegible] vocibus alto si saltus [illegible]
quod describitur potest si cantatur hoc sequitur in cantu [illegible] sit in diapason.
Et ideo [illegible] sol mutatur in fa ergo sol in fa [illegible] descendendo per semitonum et tonum
quia aliqui locant in descensu sicut in ascensu quomodocumque et facilius sol mutatur in ut
quod in fa. Sicut quodcumque fa mutatur in ut quod in sol. Ergo in solfaut [illegible]
per mutaciones vocum et [illegible] variaciones ut patet [illegible]

Ut be-ne
sol-va-bis
Et sol fa ut
Et
Va-ri-a-bis

A la mi re habet tres voces scilicet la
sol re et [illegible] la mi
[illegible] b mollis sol autem [illegible]
[illegible] re [illegible]. Et [illegible]
[illegible] mutaciones [illegible] alie claves
[illegible] vocum. [illegible] mutatur la in sol
descendendo [illegible] b mollis in [illegible]
[illegible]. Et in ascensu [illegible]
[illegible] semiditonum. Et [illegible]
sol in la descendendo [illegible]
in [illegible] b mollem. [illegible] sit saltus
per ditonum. [illegible] la mutatur in sol
[illegible] descendendo [illegible]
[illegible] b mollem [illegible]
[illegible] b mollis
mutat sol in la [illegible]
[illegible] mutat la in sol in ascendendo
[illegible] quomodocumque la mutatur in re quod
in sol. [illegible] mutatur la in re ascendendo
[illegible] b mollis in [illegible]
[illegible] mutacio sit [illegible]
sit in saltu [illegible] ut semiditonum
vel diatessaron vel diapenthe. [illegible]
[illegible] re mutatur in la descendendo
[illegible] in b mollem. Et
[illegible] mutacio fit [illegible] saltus
ut sit per ditonum vel diatessaron vel
diapenthe vel [illegible] diapenthe.
Et potest fieri alius saltus aliquando
[illegible] in alia [illegible] vocum
mutacione. [illegible] sol mutatur in re ascendendo
[illegible] mutacio fit [illegible] saltus [illegible] in ascensu
ut sit semiditonum vel diatessaron aut [illegible] diapenthe [illegible]
per mutaciones ita quod in [illegible] saltus [illegible] mutaciones.

Debes mu-ta-re

E la mi habet duas voces
scilicet la et mi et [illegible]
[illegible] la [illegible]
[illegible] la
Et [illegible] duas mutaciones [illegible] et

Variando ———— do

Sit D La sol re

Mutans solmi(?) ———— do

Ut re clavi variando

Sit bene planata fa ut est

At ff gemata(?)

alie claves duarum vocum. Primo
mutatur la in mi ascendendo de C sol fa ut
bmollari in C in fa ut bquadri. Et in alia
mutatione fit t(ertius) saltus vel fit per semito
nium semiditonum vel per dyatesseron. Et
cum mi mutatur in la descendendo de C
re ut bquadri in C in bmollari. Et
in alia mutatione fit t(ertius) saltus vel per dya
ptesseron vel per dyapenthe vel per tonum
cum dyapenthe. Et hic alius saltus fiet
de hac clave in a a(?) re ut fit 2
regulares formandi vocem mutando. Sit ergo in clavi
ut re mutando due mutaciones et tam cum per dictas voces
Ffaut habet duas voces scilicet fa et ut et ff et in bemolari
et fa fit mutacio per bmollarem ut per bquadrum Et hic
habet duas mutationes fit et alie claves duarum vocum
mutatur fa in ut ascendendo de C fa ut
in C in bmollarem. Et in alia mutatione
fit t(ertius) saltus vel fit per dyatesseron per dy
apenthe vel per tonum cum dyapenthe.
Secundo ut mutatur in fa descendendo de C
fa ut bmollari in C in bmollarem. Et in alia
mutatione fit t(ertius) saltus vel per se
mitonium semiditonum vel per dyatesseron.
Sit ergo in ffaut secundum due muta
tiones et per dictas variaciones etc.

G sol re ut habet tres voces scilicet
sol re et ut. Sol tamen per bquadrum
et re per bmollarem
ut per bquadrum qui sic hic mutantur
et tres generata. Et habet sex mutaciones
Primo mutatur sol in re ascendendo de C gra
vi in C in bmollarem. Et in alia
mutatione fit t(ertius) saltus aut fit per semi
ditonum aut per dyatesseron aut per dyapenthe. Secunde
in ascensu re mutatur in ut ascendendo de C gra
bmollari. Et fit dum saltus aut per ditonum aut per dya
tesseron. Tertio ergo mutatur in re ascendendo de C
gravi in C in bmollarem. Et in alia mutatione
secundum variationes fit per semiditonum aut per dya
tesseron. Unde notandum quod in clave mutatur re in ut aut solum ascendendo
ideo quod aliqua semper quia in ascensu exigunt ditonum et tres sunt mutationes
in ut. Nulla enim exigunt semiditonum et aliquibus mutatur ut in re. Et etc.

ut descendus faciliter quodocumque muta(tur) in sol quando in cesolfaut et ut Si sol ...
in ut ascendus d. 2o quia tale in 3a bemolem Et ita istarum mutatarum oritur
quarta vel vara vel gditanus semidyatessaron dyapenthe seu semitonium cum dyapenthe
et ut et illas que ponit scala Si ergo ut muta(tur) in sol descendus d. 3o gma
bemolem in 2a tale Item in tali mutatione oritur quando vara vel sit semitonium
vel semidyatessaron semidyapenthe vel semitonium cum dyapenthe Et licet hec possit
fieri alterius faciliter tamen in ascensu quam in descensu Item hec non fit in tertia
voce Pro quo si in mutatione in voce mutatio expediat dicere totaliter
varia vel falsa ut hic ... Re sol ce ut

Et ann to

be ne fro

ed gy te animate

Alamire habet tres voces videlicet la mi re la mi frequentius tale Item mi frequentius bemollem re quando 3a bemolem Et ita habet sex mutationes Item mi muta(tur) in la cum mi ascendus d. 2o cantu tale in 2a bemollem Et ita alia mutatione fit ... varia vel semitonium vel semiditonium vel semidyatessaron Si mi ergo muta(tur) in la descendus d. 2o gma bemollem in 2a tale Et ita hec mutatio fit per varias vel sit semidyatessaron vel semidyapenthe vel semitonium cum dyapenthe Si mi muta(tur) in re descendus d. 2o cantu bemollem in 3a bemolem Et ita hec mutatio fit dupliciter varia aut sit semitonium aut semiditonium Si ergo muta(tur) in mi ascendus d. 2o cantu bemolem in 2a bemollem Et ita hec mutatio fit dupliciter varia aut sit semitonium aut semiditonium Item ergo mi in re ... in re ergo dividatur in ascensu quod quando cantus est in ascensu immediate cum aliqua semitonium Alii ... cantus in la quando in re Si ...

Vertitur Et ergo descendus mi quodo ... la mi in re ascendendo d. 2o cantu tali in 3a bemolem et ita ... fit per varia, aut semitonium aut semiditonium aut semidyatessaron et in 2a illas que ponit scala fiet quarta falsa semidyapenthe Si ergo ... autem minores ponit scala Ratio autem est pro hoc quod ponere claves ... sunt diversa ... que ... fit ... 19 Et autem diximus quod ... Et alia semitonium predicta scilicet ... tres mutationes sol in ut et sit quarta tantum Si re
... muta(tur) in ergo re cum la descendus d. 2o cantu bemolem in 2a tale

Et ita alia mutatio sit q(ua)drati variato vel sit per ditonum vel per dyatesseron
vel per dyapenthe vel per tonum sed dyapenthe possibile [illegible] de hac clave in aliam se
altos saltus [illegible] per clavem de [illegible] [illegible] [illegible] cum cedula subiecta
[illegible] [illegible] ad [illegible] sit [illegible] [illegible] variaciones

Si be ne vis

sta re

Va ri e ste

ta la mi re

B fabmi habet duas voces scilicet fa et mi fa tamen per bmolle mi per bquadratum vocatur aut b mollis quia mollem sonum habet vox cum dicitur fa vel dicitur b quadratum quia habet sonum durum vel [illegible] quia in [illegible] molle est et b mollis Et dicitur b durum quia durum sonum habet vox cum dicitur mi et dicitur b quadratum quia [illegible] [illegible] [illegible] [illegible] b mollis Et b durum [illegible] b quadratus [illegible] [illegible] [illegible] Et bfabmi habet duas voces [illegible] sicut dictum est de bfabmi ita [illegible] [illegible] [illegible] Unde aliqui dicunt quod sit una signa et una claves et habet duas voces scilicet fa et mi et duas mutationes et [illegible] claves duas [illegible] et [illegible] [illegible] cum uno articulo [illegible] [illegible] [illegible] clavis quia ut videtur [illegible] duae claves ponere cum uno articulo et [illegible] [illegible] duae Alii autem dicunt quod bfabmi sit duae claves [illegible] [illegible] saltus [illegible] quia duas dicas [illegible] [illegible] claves [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Sed quia sunt mutationes in bbfabmi [illegible] [illegible] [illegible] [illegible] in bfabmi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in duabus clavibus in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Volentes [illegible] [illegible] mutationes in bbfabmi [illegible] [illegible] [illegible] [illegible] [illegible] Primo mutatur fa in [illegible] [illegible] [illegible] [illegible] cantus bmolle in [illegible] bquadratum Et in [illegible] ascensu sit [illegible] saltus vel sit [illegible] vel [illegible] Et in descensu sit saltus [illegible] aut [illegible] Et [illegible] mi mutatur in fa [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] bmollem Et in ascensu sit [illegible] saltus vel [illegible] [illegible] [illegible] in descensu sit saltus vel [illegible] vel [illegible] [illegible] in bbfabmi

ut bbfabmi

variando

sit bene dicimi

Csolfa habet duas voces scilicet sol et fa sol tamen per [illegible] bmollem fa per [illegible] bquadratum [illegible] [illegible] [illegible] Et habet duas [illegible] [illegible] [illegible] claves [illegible] [illegible] Primo mutatur sol in fa [illegible] [illegible] [illegible] [illegible] bmolle [illegible] [illegible] bquadratum et [illegible] [illegible] [illegible] sit [illegible] variato [illegible] vel [illegible] Et [illegible] fa in sol [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] bmolle [illegible] [illegible] mutatio sit [illegible] saltus aut [illegible] [illegible] [illegible] [illegible] Unde notandum quod [illegible] [illegible] [illegible] [illegible] [illegible] claves [illegible] alia possibile sunt altos saltus [illegible] [illegible] [illegible] [illegible]

non sit irregularis mutatio vocum. Et tamen per sol mutatur in fa et econverso solum descendendo
per semitonium et tonum quia in hoc exemplo supra posito in b fa b mi sicut hoc est dictum est
in resolvendo. Et in exemplo sol non potest mutari in fa descendendo. Videtur quod sit in una clavium manus
sicut in dd la sol. Et sic hec sunt mutationes la in dd la sol videlicet sol in resolvendo per
ea que in resolvendo sunt et duas mutationes hec [illegible] variationes

dd
cc
bb

Hec [illegible] solfa

cc
bb

Hic mutando resolfa

Dd la sol excepto ultima clavis ex manu habet duas voces scilicet la et sol. La tamen per b mollem, sol per b quadratum, et dd la sol re [illegible] quarta. Et hec duas mutationes sicut et alie claves duas voces habentes. [illegible] la in sol descendendo et re cantu b molli [illegible] [illegible] mutatio sit recte sine saltu [illegible] semiditonum. Et est sol mutatur in la descendendo [illegible] [illegible]
in b mollem et in est recte [illegible] saltus [illegible] ditonus. Et hoc fieri possit alio
saltu [illegible] ut non sit [illegible] regularis mutatio vocum. Dicit ad dictum [illegible] in dd la sol
[illegible] quia in hac clavi una vox mutatur in alia [illegible] descendendo [illegible] [illegible] una
quia non [illegible] [illegible] in eadem [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] una
mutatio permutabilis una clave sicut [illegible] et [illegible] dicto [illegible] ante [illegible]
mutatorum. Hec exempla [illegible] [illegible] tantum [illegible] [illegible] ultra voces sicut la
quod [illegible] [illegible] sicut [illegible] [illegible] ponitur. [illegible] [illegible] assignabilis articulus in manu [illegible] [illegible]
deficiunt [illegible] [illegible] articulo [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] portans [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] descendendo. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] b molle [illegible] [illegible] [illegible] [illegible] b molle descendit [illegible] [illegible] et [illegible]
la in sol sicut hoc est dictum et ita [illegible] [illegible] [illegible] in dd la sol [illegible] [illegible] duas [illegible]
[illegible] [illegible] [illegible] [illegible] variationes [illegible]

dd
cc
bb

Hic [illegible] mutatur dd la sol sicut [illegible]

Dictum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quatuor [illegible] [illegible] sunt species [illegible] modi [illegible] [illegible] [illegible] [illegible] unisonus, semitonium, tonus, semiditonus, ditonus, diatessaron, diapente, semitonium cum diapente, tonus cum diapente, semiditonus cum diapente, ditonus cum diapente, diapason. [illegible] [illegible] solum [illegible] modi non [illegible] [illegible] semitonium cum diapente
[illegible] [illegible] diapente. [illegible] duo modi valde raro [illegible] in [illegible] [illegible]
[illegible] [illegible] unisonus et diapason [illegible] [illegible] [illegible] [illegible] unisonus sit
[illegible] [illegible] [illegible] [illegible] in eadem clave [illegible] repetitio sicut ut ut re re mi mi [illegible] [illegible] [illegible]
Et [illegible] unisonus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] clave [illegible] [illegible] semitonium
[illegible] saltus [illegible] fa in mi [illegible] [illegible] [illegible] f finali [illegible] finali. Et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] tonus [illegible] [illegible] [illegible] tonus. Tonus [illegible] [illegible] [illegible] saltus [illegible] una clave in alia [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fa sol sol la la [illegible]. Et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] semitonium [illegible] semiditonus [illegible] saltus [illegible] una clave
in [illegible] [illegible] [illegible] [illegible] semitonio ut [illegible] [illegible] [illegible] [illegible] [illegible] mi in sol [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] ditonus [illegible] [illegible] tonus. Ditonus [illegible] saltus [illegible] una clave
[illegible] [illegible] [illegible] [illegible] [illegible] Et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] tonus [illegible] [illegible] duas
tonus. Diatessaron [illegible] una clave [illegible] [illegible] [illegible] [illegible] mi [illegible] [illegible] [illegible] sol [illegible]
[illegible] Et [illegible] diatessaron [illegible] [illegible] ex duobus tonis et semitonio. Et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Diapente [illegible] saltus [illegible] una clave
ad [illegible] ut [illegible] la [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut [illegible] [illegible] tres tonos et unum semitonium

Et dicitur adyapente quia 3 de re pentecordum quinque vocum saltus de una quinta ad octavam. Semitonium cum dyapenthe est saltus de una clave ad octavam sic ... qui continet 3 tonos et duo semitonia ut saltus de d in b fa b mi quod ad b mollem et ergo. Et dicitur a semitonio et dyapenthe quia habet semitonium et dyapenthe. Et sic similiter continet 3 tonos et duo semitonia. Tonus cum dyapenthe est saltus de una clave ad sextam sursum vel deorsum per unum semitonium et 4 tonos sic est saltus de la [illegible] ut vel econverso. Et dicitur a tono et dyapenthe quia continet dyapentem et tonum. Semiditonus cum dyapenthe est saltus de hac clave ad septimam quod est aggregatum ex semitonio et dyapenthe hoc est ex tono et semiditono quod adsemitonium et quatuor tonos et semitonia ex 3 tonis et semitonio quod ad dyapenthe et continet quatuor tonos et duo semitonia. Ditonus cum dyapenthe est saltus de una clave ad septimam sursum vel deorsum per unum semitonium et quinque tonos sic est saltus de c [illegible] in b fa b mi quod ad b quadrum vel econverso. Et dicitur a ditono et dyapenthe quia continet duos tonos scilicet ditonum et 3 tonos et semitonium scilicet dyapenthe. Et similiter continet quinque tonos et duo semitonia. Nonus modus vel dyapason est unus saltus de una clave ad octavam ut de c [illegible] ad c acutum vel econverso et alius modus continet quinque tonos et duo semitonia. Et dicitur a dya quod est de et pason quod est de una clave ad octavam. Exempla ista vide.

Tenor quinque sunt species quam plures omnibus

unisonus

semitonium tonus semiditonus ditonus

dyatesseron dyapenthe [illegible]

tonus cum dyapenthe tonus cum dyapenthe

semitonium cum dyapenthe ditonus

cum dyapenthe dyapason

Quatuor autem sunt species principales tonorum et notandum quod 4 sunt toni ex quibus omnes cantus ecclesiastici componuntur scilicet protus deuterus tritus et tetrardus. Tonus protus dicitur primus tonus deuterus secundus tonus tritus tertius et tetrardus quartus. Modo dicuntur. Sed in usu modernorum continentur quatuor partes distinctae cantus quod a magistris distinguntur quatuor autem toni dividuntur in duas partes videlicet unum in autenticum et alium in plagalem. Autenticum quod statuerunt dicari magistri et plagalem discipuli. Sic ergo primus modus dicitur prothus et octo sunt toni. Unde prothus autenticus hoc est primus et prothus plagalis scilicet secundus deuterus autenticus hoc est tertius. Deuterus plagalis hoc est quartus. Tritus autenticus scilicet quintus. Tritus plagalis scilicet sextus. Tetrardus autenticus scilicet septimus et tetrardus plagalis scilicet octavus. Unde sciendum quod tonus est regula de mediatione et fine cuiuslibet cantus. Dicitur autenticus proprie

3us 4tus 5tus. Secundus tonus dicitur deuterus plagalis sicut 2us 4tus 6tus 8uus. Sed
quia autenticus dicitur ab autentin grece, quod sonat auctoritas latine, quia tonus autenticus
ex auctoritate ascendendi ultra suam finalem usque ad dyapason. Sed plagalis dicitur a
plaga, quod est pars uel latus, id est quia ... uel ... quia tonus non ascendit ad dyapason
sed descendit tanquam ... Item quia tonus autenticus ... plagalis ... finali
... autenticus et ... plagalis habet quinque tonos et ... supra finalem et ... finalem
habet 3 cum diapente. Sed deuterus autenticus et suus plagalis habet 3 tonus et ... supra
finalem ... Tritus uero autenticus et suus plagalis habet 3 ... supra
... finalem. Tetrardus autem autenticus et suus plagalis habet ... et octauum
... finalem ... et cum ... aliquando ...
... autenticus ... supra autenticus ... Et ... sit licentia et ualde ...
... aliqui ... quod ... tonus ... Item tonus autenticus ...
... ascendit ultra suam finalem ad dyapason ... ad ... et ... ultra
... non descendit ... plagalis ... tonus plagalis ... descendit
et ... ascendit ... ad ... ad dyatesseron uel ... ultra ... ascendit
... suam finalem ... ad ... et aliquando ad ... Item ...
autenticus habet ... tonus ... ascendit usque ad ... autenticus et ad ...
et ... descendit ... ad ... Item ... deuterus habet 3 ... ascendit
ad ... descendit ... ad ... finalem. Tritus autenticus
habet ... ascendit ad ... non descendit ultra suam finalem
... finalem ... Tetrardus autenticus ... descendit
... ad ... subfinalem. Sed deuterus autenticus ... ascendit ... superacutam
... descendit ... ad ... finalem. Aliud tonum ... plagalis ... 2us ...
descendit ad ... uel ... ultra ad ... et non ascendit ... ad ... acutam
... deuterus plagalis ... descendit ... uel ... et non ascendit
... ad ... acutam et ad ... uel ... ad ... Item uero plagalis ... 6tus ...
... descendit ad ... et non ascendit ... ad ... uel ... Sed tetrardus plagalis
... octauus ... descendit ... finalem uel ... et ascendit ... ad ... acutam
... ad ... et ... ad ... et ... Item ... Dauid ... alia etc.
... tetrardus autenticus et plagalis ... in hiis metris. Cantus non tangens
... plagalis ... ut tangit ... subtrahit autenticus. Saepe cadens
... tangens plagalis ... tangens saepe cadens ... fonda (?)
Sed tangit ... cadit ad ... Sed ... tangit ... plagalem
... ad ... habet
... figura ... fiunt ... posita.

A... cantus ... ita quod ... qui ... ut bis ...
... et 4or ... ...
... et ... ... et ...
... est autem ... ... non
possunt facere ... ascendendo uel descendendo. Alie 4or ... ut ... 3a
... et ... possunt facere duos uel ... tonos ascendendo uel ...
... ...

Sed sequitur decima, et duodecima sequitur duodecimam, a prima sequitur secunda, tertia sequitur
quarta et ergo. Item cantus ... cum L ut et D re fa la et F ... la sol
mi ut secunda sequitur sexta et sexta sequitur quinta et quinta tertia tertia sexta et sexta
... sequitur ...

Item cantus ... sequitur quinta et quinta sequitur

...

Item cantus ... sequitur

...

Item cantus ... ut ... fa sol la

...

sol fa ...

...

Dupla in cantu ... arte ... voces ... fuerit
... Item ...
... sequitur ...
... duplex ... sola arte ...
...

Quid sit proportio ... dicta ... dicta et duorum
... numerorum ... dictis ... duorum ...
... Proportio ... dicta ... duobus modis ...
... abaquo ... ut dupla ...
... abaquo ... ut ...
... quantitates ... quantitates ... linea ...
... Quantitas ... quantitates ...
... linea ...

d' unus angulo ad aliud angulum sibi oppositum Quadrata que [illegible] figura quadrata
in qua sic totaliter sunt equales et cetera angula Proportio equalitatis que ex equalitate
Proportio equalitatis est duarum quantitatum proportio duorum numerorum equalium ad invicem
ut 4 ad 4 Proportio inequalitatis est duarum quantitatum Et dicitur duobus modis
quia aut maioris ad minus aut minoris ad maius Proportio maioris inequalitatis est quando
maior numerus comparatur ad minorem ut 4 ad 2 Proportio minoris inequalitatis est quando
minor numerus comparatur ad maiorem ut 2 ad 4 Proportio maioris inequalitatis dividitur in quinque modos
scilicet multiplex superparticularis superpartiens multiplex superparticularis et multiplex superpartiens Multiplex
vero proportio est habitudo maioris numeri ad minorem in qua maior continet minorem proportionaliter
aliquotiens Et quando maior numerus continet minorem semel et tantum aliquam eius partem Aliquota
vero Superpartiens quando maior numerus continet minorem et aliquam et aliquotas vero eius
partes quibus coniunctis non fit totum per aliquota [illegible] minorem ut quantitatis [illegible]
superparticularis Et quando maior numerus continet minorem et aliquam eius partem aliquotam
vero per aliquota et per quam aliquotas partes [illegible] minorem totum [illegible]
[illegible] Et quando maior numerus continet minorem et aliquotas partes vero aliquam [illegible]
[illegible] per aliquota [illegible] ut quantitas per vero [illegible] aliquota
non fit [illegible] per [illegible] partes [illegible] ut superpartiens ad [illegible] [illegible]
Et per quam [illegible] partes [illegible] proportio dupla Et quando [illegible] continet [illegible]
[illegible] [illegible] proportio [illegible] [illegible] Et [illegible] [illegible] et quando [illegible]
[illegible] cum [illegible] ad [illegible] ut 3 ad [illegible]
[illegible] altera [illegible] et quando [illegible] continet [illegible] ut [illegible]
dupla [illegible] altera [illegible] quando [illegible] continet [illegible]
ad [illegible] cum [illegible] [illegible] dupla [illegible] Et quando [illegible]
[illegible] [illegible] ut 4 ad [illegible] dupla [illegible] Et [illegible]
[illegible] [illegible] ut [illegible] ad 3 [illegible] [illegible] [illegible]
[illegible] superpartiens [illegible] [illegible] [illegible] [illegible]
maior continet et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] ad 3 [illegible] [illegible] continet [illegible] [illegible]
[illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

